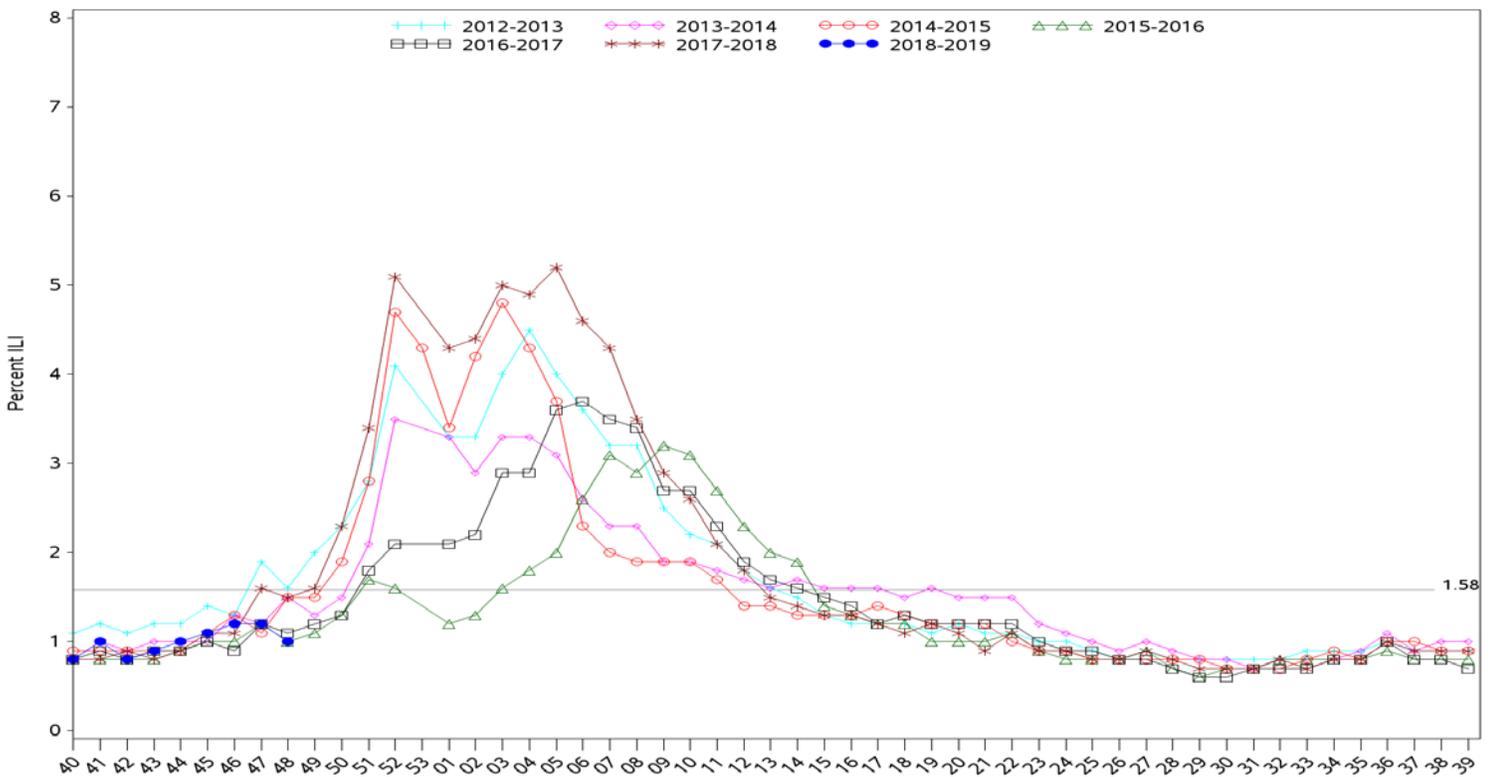




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 48: 11/25/2018–12/01/2018)

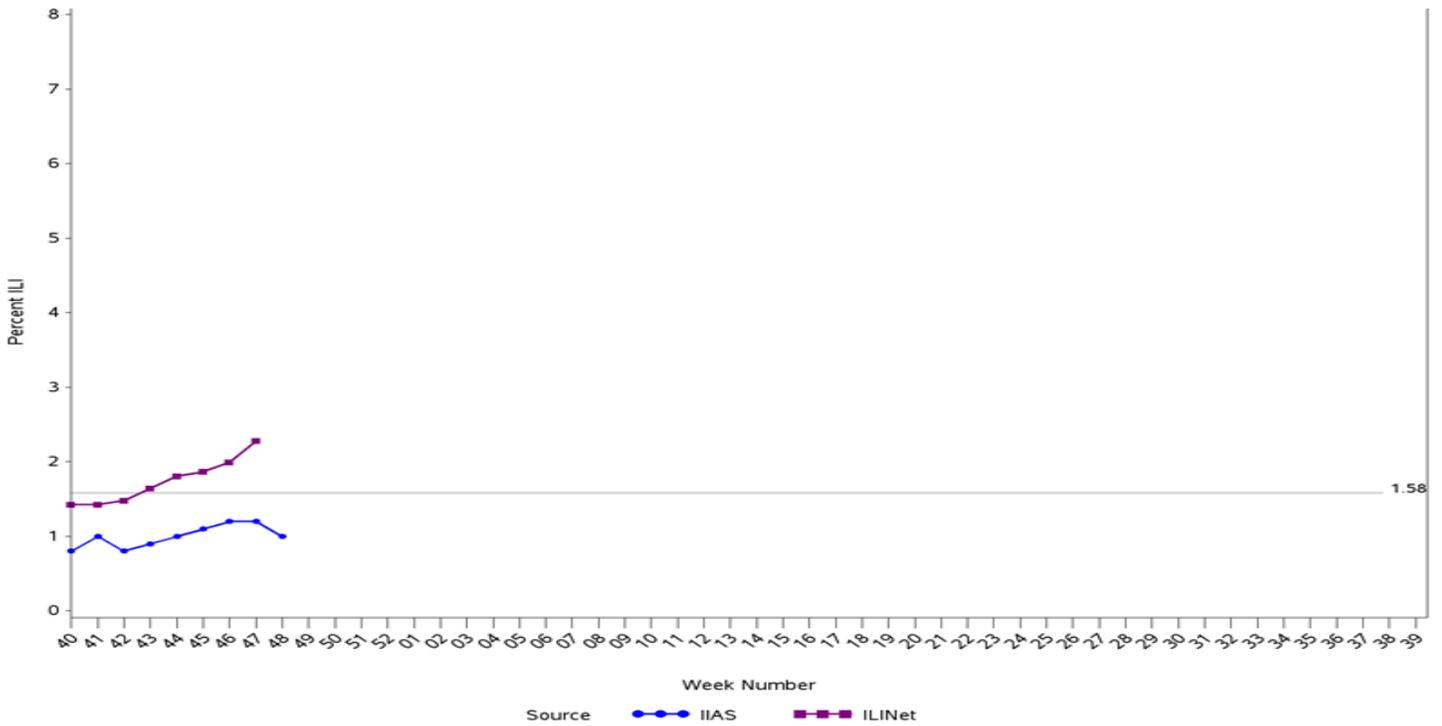
- Influenza-like-illness (ILI) activity in IHS is low and is at 1.0%, below the IHS baseline of 1.58%
 - One IHS Area reported having elevated ILI activity
- National ILI activity reported by CDC is low
 - CDC's ILINet ILI activity 2.18% and is below the ILINet baseline (2.2%) but above the IHS baseline (1.58%).
- To date, IHS has administered 234,000 doses of influenza vaccine.
- Overall, 28.2% of the IHS Active Clinical population received an influenza vaccine this season.

All IHS Areas
 Influenza-Like Illness (ILI) for Current Surveillance Year and Previous Six Surveillance Years
 Percentage of Visits for ILI per week
 9/30/2012 to 12/01/2018



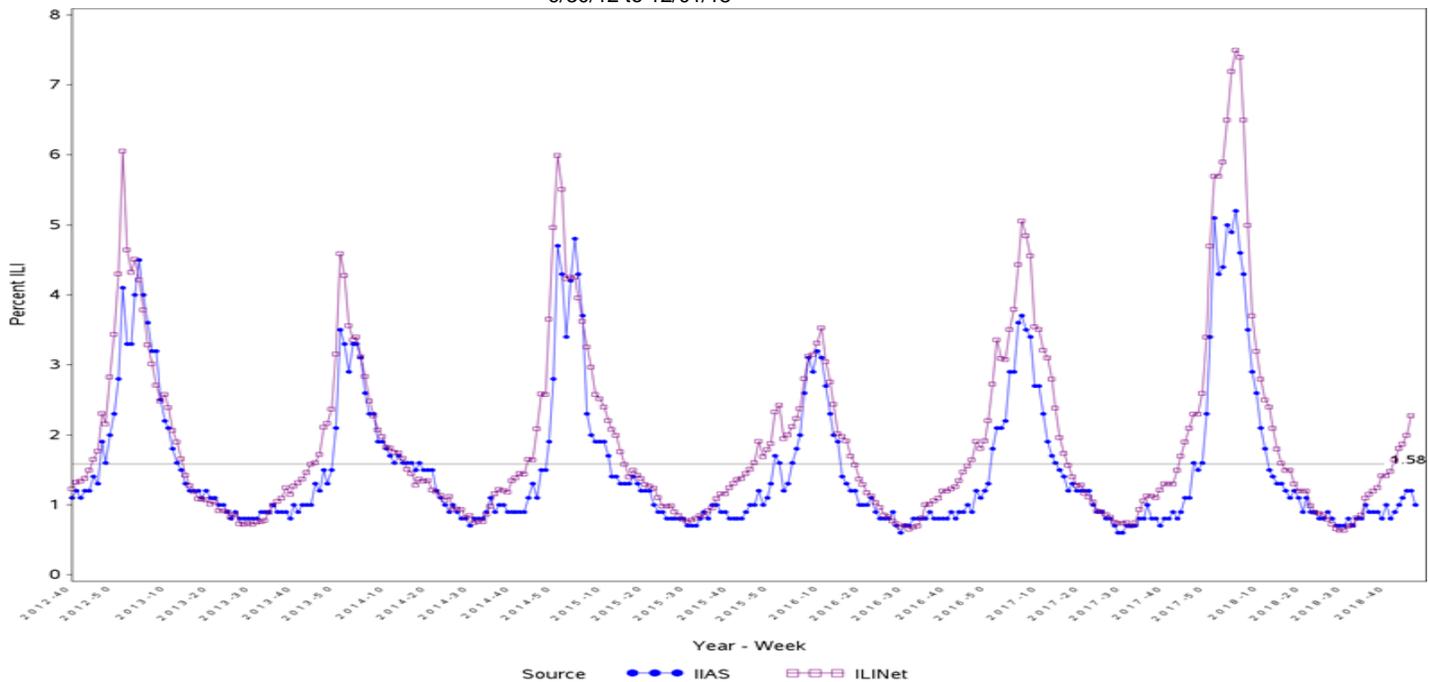
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
 The horizontal line is the 2018-2019 IIAS baseline. The ILINet baseline value for 2018-2019 is 2.2.
 Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks for the previous three seasons, plus two standard deviations.
 Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

Percentage of Outpatient Visits for Influenza-Like Illness (ILI)
 Percent ILI for Flu Year 2018 - 2019
 IIAS vs. ILINet
 9/30/18 to 12/01/2018



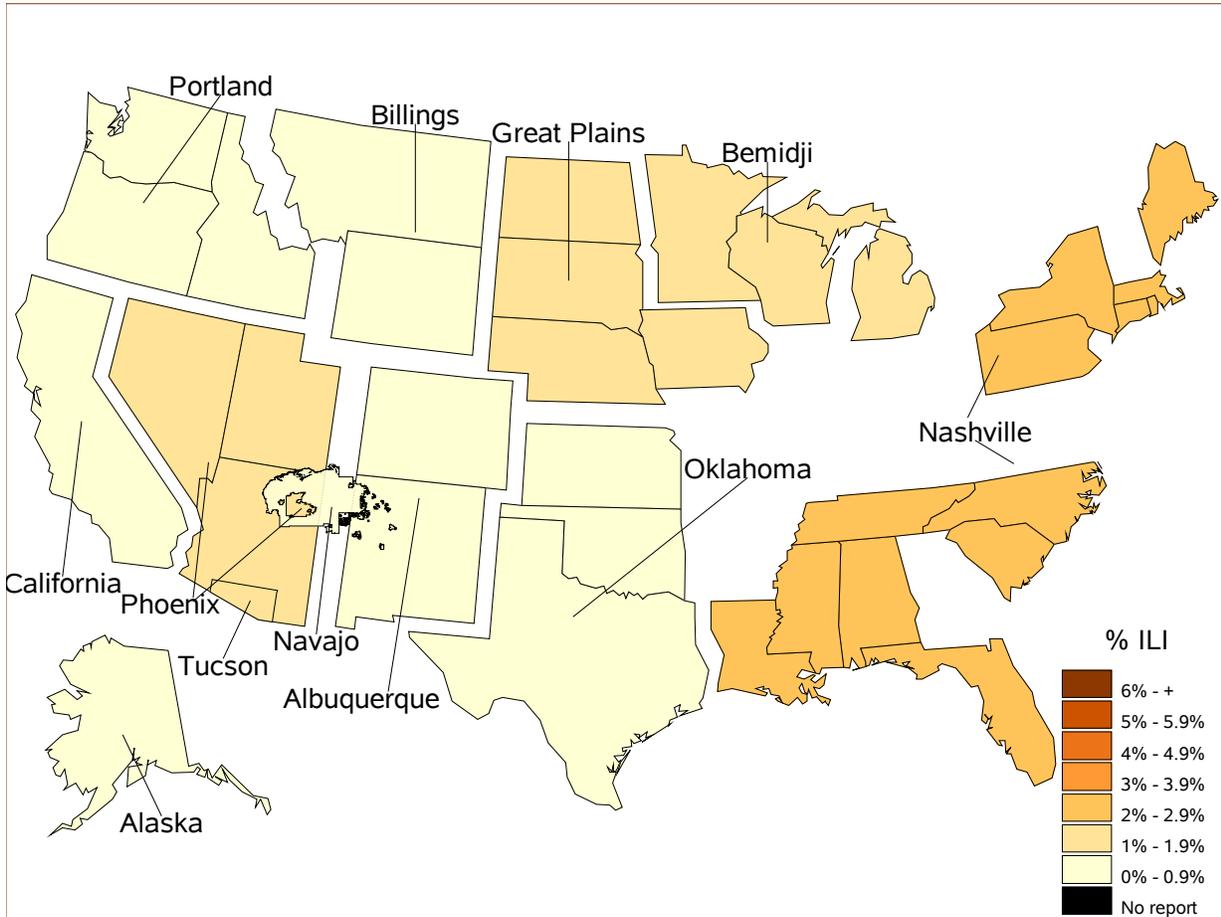
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
 The horizontal line is the 2018-2019 IIAS baseline. The ILINet baseline value for 2018-2019 is 2.2.
 Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks for the previous three seasons, plus two standard deviations.
 Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

Influenza-Like Illness (ILI) for Current Surveillance Year and Previous Six Years – Continuous
 Percentage of Visits for ILI per week
 IIAS vs. ILINet
 9/30/12 to 12/01/18



Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
 The horizontal line is the 2018-2019 IIAS baseline. The ILINet baseline value for 2018-2019 is 2.2.
 Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks for the previous three seasons, plus two standard deviations.
 Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

Percentage of Influenza-Like Illness Visits by Region
For Week: 48



% Visits for ILI Compared to Previous Week

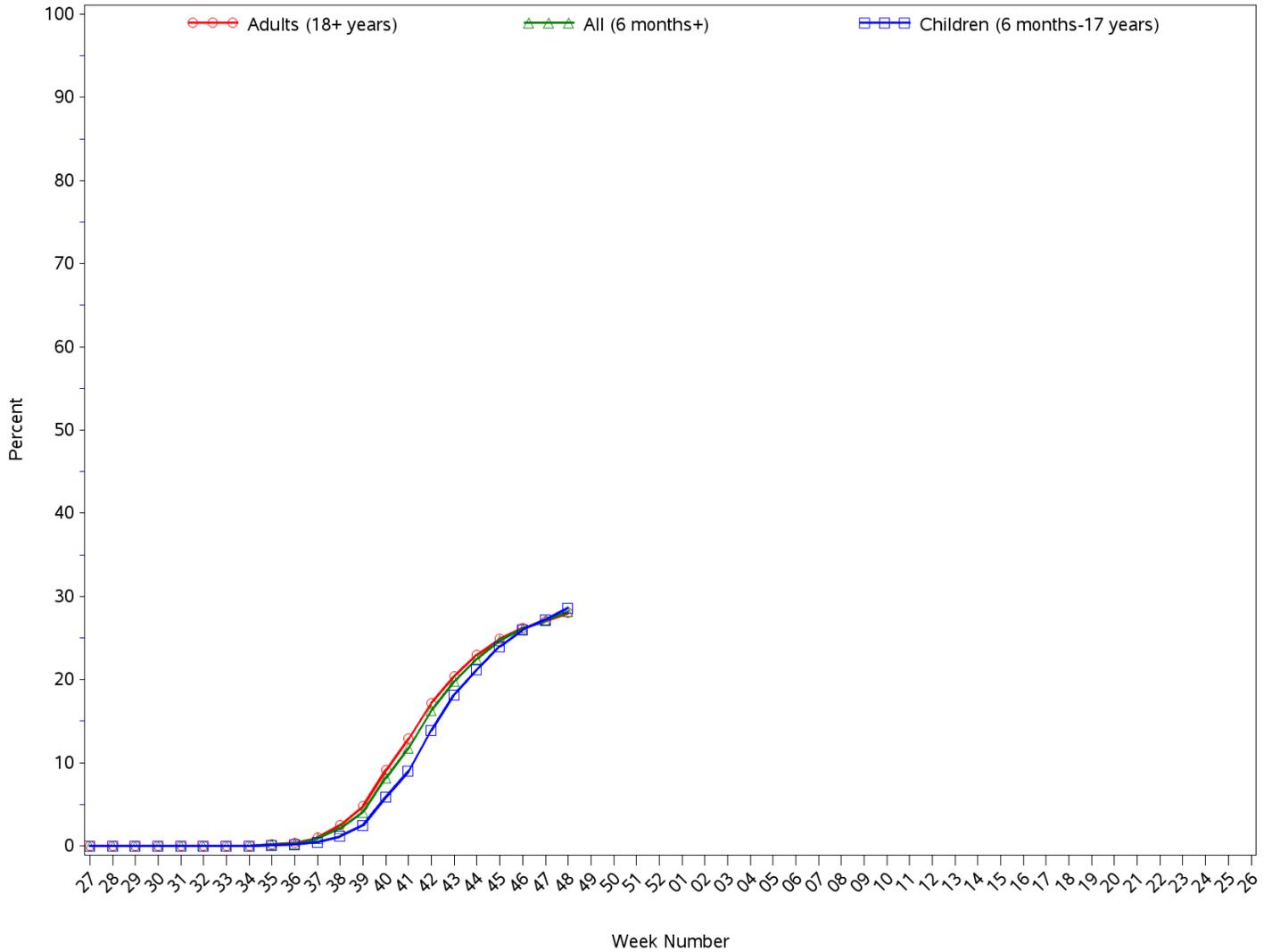
IHS Areas	Previous Week (47)	Current Week (48)
NATIONAL	1.2	1.0
ALASKA	0.8	0.4
ALBUQUERQUE	0.6	0.9
BEMIDJI	1.2	1.0
BILLINGS	1.2	0.7
CALIFORNIA	0.4	0.4
GREAT PLAINS	1.5	1.2
NASHVILLE	1.9	2.1
NAVAJO	1.2	0.9
OKLAHOMA	1.1	0.8
PHOENIX	1.6	1.4
PORTLAND	0.5	0.5
TUCSON	1.3	1.0

Percentage of ILI visits is number of ILI visits divided by total number of daily visits.

IHS Influenza Vaccination Surveillance

As of 12/01/2018, sites reporting to the IIAS have administered 234,000 doses (1st and 2nd) of seasonal influenza vaccine to Active Clinical patients.

All IHS Areas
Cumulative One-Dose Seasonal Influenza Vaccine Coverage
Active Clinical Population
07/01/2018 to 12/01/2018



Influenza Vaccination Coverage by Age Group*

Age Group	Active Clinical Population**	Seasonal Flu Vaccine (At Least 1 Dose)***	% Seasonal Flu (At Least 1 Dose)	Seasonal Flu Vaccine (At Least 2 Doses)	% Seasonal Flu (At Least 2 Doses)	Total #Doses Administered****
0 - 5 months	3,551	13	0.4	5	0.1	18
6 - 23 months	16,777	6,215	37.0	688	4.1	6,919
2 - 4 years	42,990	10,200	23.7	126	0.3	10,349
5 - 17 years	170,137	49,349	29.0	201	0.1	49,692
18 - 49 years	350,071	75,295	21.5	288	0.1	75,840
50 - 64 years	149,795	51,657	34.5	223	0.1	52,089
65 + years	92,606	39,083	42.2	225	0.2	39,584
Children (6 months-17 years)	229,904	65,764	28.6	1,015	0.4	66,960
Adults (18+ years)	592,472	166,035	28.0	736	0.1	167,513
All (6 months+)	822,376	231,799	28.2	1,751	0.2	234,473

* Limited to sites that exported both doses administered along with accompanying Active Clinical population data.

** Active Clinical is defined as patients who have had at least 2 visits in the last 3 years.

*** Number of unique patients with at least 1 dose.

**** Total # Doses Administered = All doses administered to patients including doses not included in coverage calculation due to lack of Active Clinical Population data.

Influenza Vaccine Doses Administered by Influenza Vaccine Type*

Area	INACTIVE CVX CODES*	CVX 88 FLU-NOS**	CVX 135 FLU-HIGH	CVX 140 FLU-IIV3pf	CVX 141 FLU-IIV3	CVX 149 FLU-LAIV4	CVX 150 FLU-IIV4pf	CVX 158 FLU-IIV4	CVX 161 IIV4pf ped	CVX 168 FLU-IIV3ad	CVX 171 FLU-ccl4pf	CVX 185 FLU-RIV4	CVX 186 FLU-ccl4	Proc 99.52 Vac Inf	ICD-9 V04.81 Vac Inf	CPT Billing Codes+	Cumulative # of Doses Seasonal Flu
AKA	0	33	311	1	23	0	2,252	398	135	1	58	9	0	0	0	11	3,232
ALB	47	177	129	3	1,146	0	7,951	6,114	392	1,824	171	6	7	0	0	52	18,019
BEM	6	38	93	10	146	38	3,717	2,682	114	291	1	19	0	0	0	36	7,191
BIL	2	104	1,147	1	168	533	9,172	2,438	113	0	5	5	4	0	0	35	13,727
CAO	16	986	1,128	2	372	0	2,920	1,112	143	88	336	0	71	0	0	142	7,316
GPA	17	259	976	3	601	0	12,520	9,843	398	505	383	58	3	0	0	86	25,652
NSA	39	157	229	3	271	6	4,270	4,708	336	444	20	28	41	0	0	236	10,788
NAV	17	202	2,224	11	337	1	38,605	18,199	1,219	1	220	24	15	0	0	103	61,178
OKC	78	1,918	951	10	1,313	29	24,009	8,258	1,104	2,107	42	33	2	0	0	174	40,028
PHX	14	1,342	735	41	319	0	15,451	8,862	434	1,639	4	168	2	0	0	67	29,078
POR	30	143	528	43	165	118	7,332	3,442	286	415	115	400	208	0	0	51	13,276
TUC	2	39	24	1	1	0	5,647	84	5	0	0	2	0	0	0	37	5,842
	268	5,398	8,475	129	4,862	725	133,846	66,140	4,679	7,315	1,355	752	353	0	0	1,030	235,327

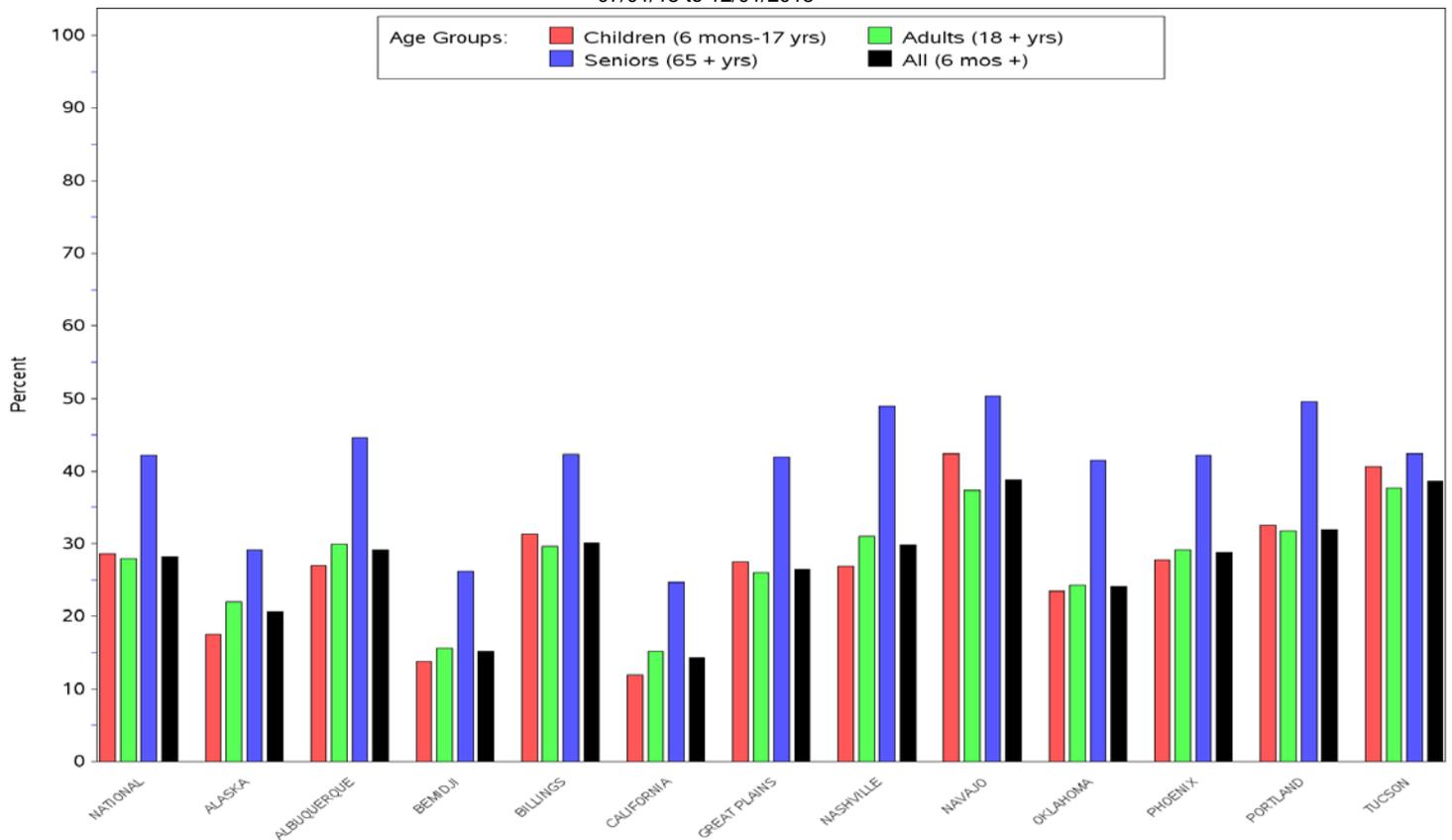
* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 144 (FLU-DERMAL), 151 (FLU-NasNOS), 153 (FLU-cclIIV3), 155 (FLU-RIV3), 160 (H5N1, adj) and 166 (FLU-DERM4) should not be used to document flu vaccines given this flu season.

** CVX Code 88 (FLU-NOS) should only be used to document flu vaccines given elsewhere when flu vaccine type is unknown.

+ CPT Flu codes include: 90654-90662, 90672-90673, 90685-90686, 90724, G0008, G8108.

^ ICD9 codes V04.8 and V06.6 are not displayed on this report and are not used in any of the influenza vaccine coverage calculations.

All IHS Areas
 Influenza Vaccine Coverage by Age Groups (Children, Adults, Seniors and All)
 % Seasonal Flu (At least 1 dose) for Active Clinical Population
 07/01/18 to 12/01/2018



All IHS Areas
 Influenza Vaccine Coverage by Age Groups (Children, Adults, Seniors and All)
 % Seasonal Flu (At least 1 dose) 12/01/2018

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons+)
NATIONAL	28.6	28.0	42.2	28.2
ALASKA	17.5	22.0	29.2	20.7
ALBUQUERQUE	27.0	29.9	44.6	29.2
BEMIDJI	13.8	15.7	26.2	15.2
BILLINGS	31.3	29.6	42.3	30.1
CALIFORNIA	11.9	15.2	24.7	14.4
GREAT PLAINS	27.5	26.0	41.9	26.5
NASHVILLE	26.9	31.0	48.9	29.8
NAVAJO	42.4	37.4	50.3	38.8
OKLAHOMA	23.5	24.3	41.5	24.1
PHOENIX	27.8	29.2	42.2	28.8
PORTLAND	32.5	31.8	49.6	32.0
TUCSON	40.6	37.7	42.4	38.6

Number of RPMS Databases Reporting for Week 48, 2018

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	136	238
ALASKA	4	25
ALBUQUERQUE	10	17
BEMIDJI	5	10
BILLINGS	12	19
CALIFORNIA	15	24
GREAT PLAINS	16	32
NASHVILLE	20	24
NAVAJO	7	19
OKLAHOMA	18	25
PHOENIX	14	23
PORTLAND	14	16
TUCSON	1	4

* Exporting databases may include data from multiple facilities.

** Includes only facility categories: Hospital, Health Center, Health Station, Health Location, and Alaska Village Clinic.